

REMARKS

In response to the Office Action mailed May 27, 2005, Applicant respectfully requests reconsideration. Claims 1-19 were previously pending in this application. Claims 1, 2, 6, 7, 10, and 15 have been amended. No new claims have been added. As a result, claims 1-19 are pending for examination with claims 1 and 10 being independent. The application is believed to be in condition for allowance.

Allowable Subject Matter

Applicant notes with appreciation the indication of allowable subject matter in claims 1-19.

Objections to the Drawings

The Office Action objects to drawings 1, 9, 10, 14 and 15 for including reference characters not mentioned in the specification.

The specification has been amended on page 2, line 21, to include the axis label " $I[\mu A]$ " and data range " $0-70\mu A$ ", which are included in Figure 1.

The specification has been amended on page 8, lines 15, 21, 22 and 23, in order to include the labels " V_{READ} ", " I_D ", and " T_1, T_2 ", which are found in Figure 9 and 10.

The specification has also been amended on page 16, line 17, to include the reference character 10, which has been added to Figure 15.

The specification has been amended on page 17, line 8, to include the labels (" 11 ", " 10 ", " 01 ", and " 00 ")", which are found on Figure 14.

The Office Action also objects to Figure 15 for not including a reference character which is mentioned in the specification.

Figure 15 has been amended to include the label " V_X ", which is discussed on page 15, line 31, of the specification.

Accordingly, withdrawal of this objection is respectfully requested.

Claim Objections

The Office Action objects to claims 1, 2, 6, 7, 10, and 15 for not providing antecedent basis.

The terms “the contents” and “the basis of the temporal”, in claims 1 and 10, have been amended to “contents” and “a basis of the temporal.”

The term “the modification order”, in claim 2, has been amended to “a modification order.”

The terms “the cell current” and “the reference current”, in claims 6 and 15, has been amended to “a cell current” and “a reference current.”

The term “the condition”, in claim 7, has been amended to “a condition.”

Accordingly, sufficient antecedent basis has been provided to the objected claims. Therefore, withdrawal of this rejection is respectfully requested.

Serial No.: 10/820,458
Conf. No.: 7248

- 11 -

Art Unit: 2827

CONCLUSION

A Notice of Allowance is respectfully requested. The Examiner is requested to call the undersigned at the telephone number listed below if this communication does not place the case in condition for allowance.

If this response is not considered timely filed and if a request for an extension of time is otherwise absent, Applicant hereby requests any necessary extension of time. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 23/2825.

Respectfully submitted,
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By: 

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Docket No.: S1022.81115US00
Date: August 26, 2005
x08/27/05x

In the Drawings

A "Replacement Sheet" is attached which includes a clean version of amended Figure 15. The attached sheet replaces the original sheet including Figure 15.

An "Annotated Sheet Showing Changes" is also attached which includes a marked-up version of Figure 15.

Figure 15 was amended to include the label " V_x " and a reference label "10".

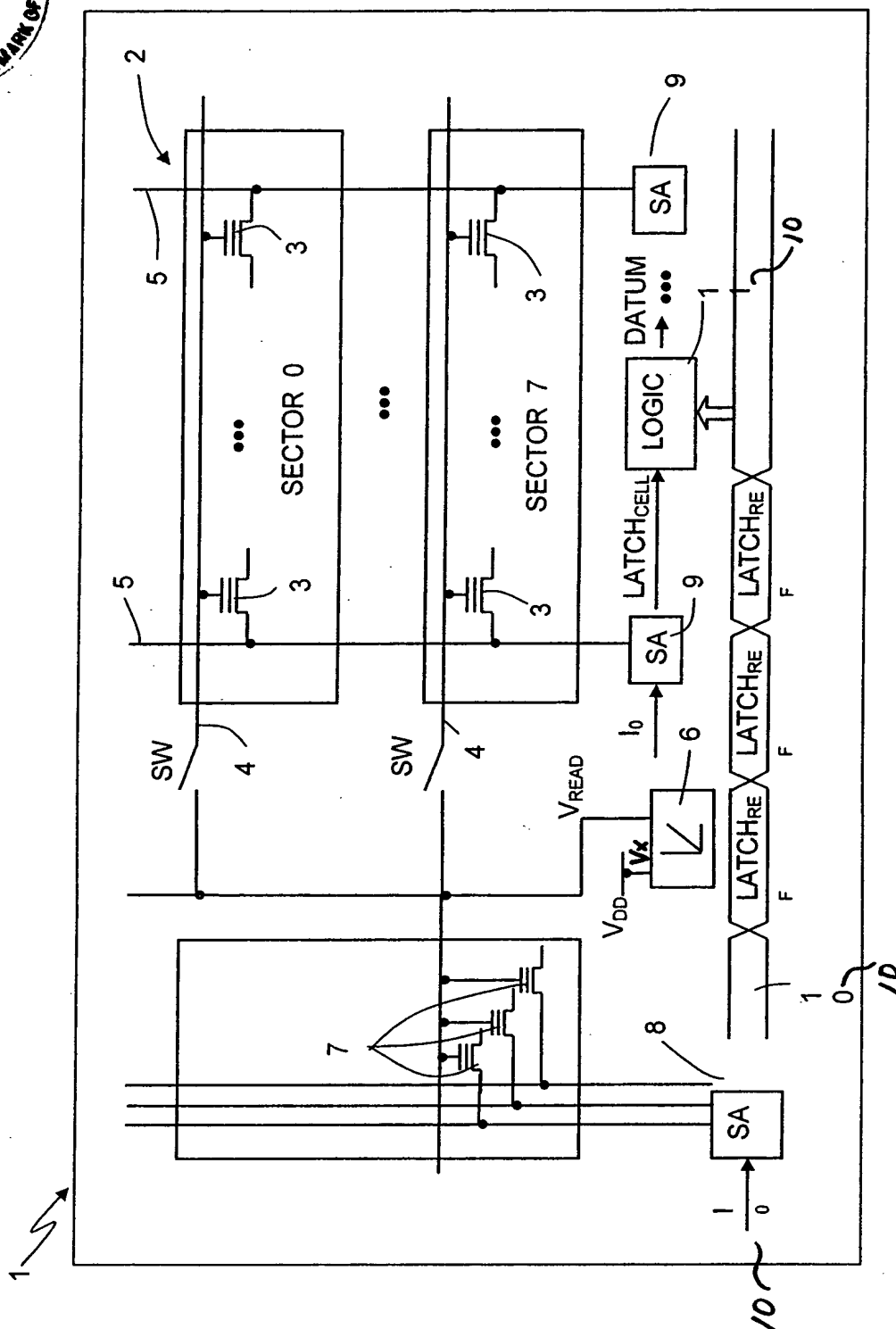


Fig.15